

| odor                     | wild-type       | <i>ceh-36</i>    | <i>odr-7</i>    | <i>ceh-36</i> /WT | <i>odr-7</i> /WT |
|--------------------------|-----------------|------------------|-----------------|-------------------|------------------|
| diacetyl                 | $0.90 \pm 0.03$ | $0.83 \pm 0.04$  | $0.26 \pm 0.02$ | 92.64%            | 28.96%           |
| benzaldehyde             | $0.89 \pm 0.02$ | $0.03 \pm 0.05$  | $0.88 \pm 0.04$ | 2.78%             | 97.38%           |
| butanone                 | $0.84 \pm 0.03$ | $0.16 \pm 0.06$  | $0.84 \pm 0.03$ | 18.40%            | 98.89%           |
| isobutyric acid          | $0.71 \pm 0.07$ | $0.54 \pm 0.07$  | $0.14 \pm 0.06$ | 76.66%            | 19.04%           |
| 2-isobutylthiazole       | $0.87 \pm 0.03$ | $0.11 \pm 0.16$  | $0.75 \pm 0.15$ | 12.28%            | 85.52%           |
| dimethylthiazole         | $0.92 \pm 0.03$ | $0.25 \pm 0.15$  | $0.79 \pm 0.11$ | 27.21%            | 85.56%           |
| 2,4,5-trimethylthiazole  | $0.91 \pm 0.03$ | $0.46 \pm 0.12$  | $0.74 \pm 0.11$ | 50.23%            | 81.79%           |
| 2-methylpyrazine         | $0.75 \pm 0.05$ | $-0.01 \pm 0.16$ | $0.59 \pm 0.14$ | -0.98%            | 78.58%           |
| 2-heptanone              | $0.78 \pm 0.03$ | $0.10 \pm 0.08$  | $0.79 \pm 0.04$ | 12.58%            | 100.80%          |
| 1-methylpyrrole          | $0.80 \pm 0.03$ | $0.10 \pm 0.07$  | $0.68 \pm 0.05$ | 12.53%            | 85.10%           |
| 4-chlorobenzyl mercaptan | $0.73 \pm 0.09$ | $0.05 \pm 0.14$  | $0.58 \pm 0.17$ | 6.14%             | 79.60%           |
| butyric acid             | $0.55 \pm 0.09$ | $0.36 \pm 0.12$  | $0.22 \pm 0.07$ | 64.05%            | 40.41%           |
| 1-pentanol               | $0.77 \pm 0.05$ | $-0.09 \pm 0.07$ | $0.61 \pm 0.07$ | -11.48%           | 79.05%           |
| benzyl mercaptan         | $0.76 \pm 0.04$ | $-0.01 \pm 0.08$ | $0.54 \pm 0.11$ | -1.20%            | 71.28%           |
| 2-cyclohexylethanol      | $0.81 \pm 0.05$ | $0.00 \pm 0.06$  | $0.60 \pm 0.12$ | 0.35%             | 73.46%           |
| 2-ethoxythiazole         | $0.81 \pm 0.06$ | $0.10 \pm 0.10$  | $0.77 \pm 0.05$ | 12.32%            | 94.83%           |
| benzyl propionate        | $0.78 \pm 0.05$ | $0.33 \pm 0.13$  | $0.27 \pm 0.11$ | 42.25%            | 33.93%           |